

ABSTRACT

Novel spermicidal compounds which are organometallic cyclopentadienyl metal complexes, particularly vanadium IV complexes, are described including corresponding contraceptive and therapeutic compositions and method for providing contraception and selective killing of testicular germ cells. Included among the vanadium complexes are vanadocene dichloride, vanadocene dibromide, bis (methyl cyclopentadienyl) vanadium dichloride, vanadocene diiodide, vanadocene di-pseudohalides, and others. Most active found was vanadocene diselenocyanate.